

# Create a Node-RED Service

Team ID	PNT2022TMID50055
Project Name	Smart waste management using IOT for metropolitan cities

## Navigated to the App creation page

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a dark navigation bar with the IBM Cloud logo, a search bar, and links for Catalog, Manage, and the user's account (Gayathri T's Account). Below this, the breadcrumb trail reads 'Catalog / Create app /'. The main heading is 'Node-RED'. There are two tabs: 'About' (selected) and 'Create'. The 'About' tab contains a sidebar with 'Details' (Author: IBM, Updated: 11/02/2020, Type: Starter kit), 'Source code' (GitHub link), and 'Helpful links' (Terms, Tutorial). The main content area has an 'Overview' section describing the starter kit, a 'This starter kit will help you' section with three bullet points, and a 'What's included?' section. At the bottom, there's a 'Cloudant' logo and links for 'View docs' and 'View API reference'. A vertical 'ASK A QUESTION' button is on the right side.

IBM Cloud

Search resources and products...

Catalog Manage Gayathri T's Account

Catalog / Create app /

# Node-RED

About Create

Details

Author IBM  
Updated 11/02/2020  
Type Starter kit

Source code

[GitHub](#)

Helpful links

[Terms](#)

[Tutorial](#)

## Overview

This starter kit provides a pre-configured Node-RED application, including a Cloudant service to store the application flow configuration. Add services, generate and download the code, use the IBM Cloud Developer Tools CLI to run and debug locally, then deploy to Cloud Foundry or a DevOps Pipeline.

### This starter kit will help you

- Generate an application with Node-RED
- Generate an application with files for deploying to Cloud Foundry or a DevOps Pipeline
- Connect to provisioned services

### What's included?

Cloudant

[View docs](#) [View API reference](#)

ASK A QUESTION

Entered project details and clicked on create

IBM Cloud

Search resources and products...

Catalog Manage Gayathri T's Account

Catalog / Create app /

## Node-RED

About Create

### App details

App name

Node RED IIBQB 2022-11-13

Accept the default name, or enter a value between 2 and 128 characters.

Resource group

Default

Tags ⓘ

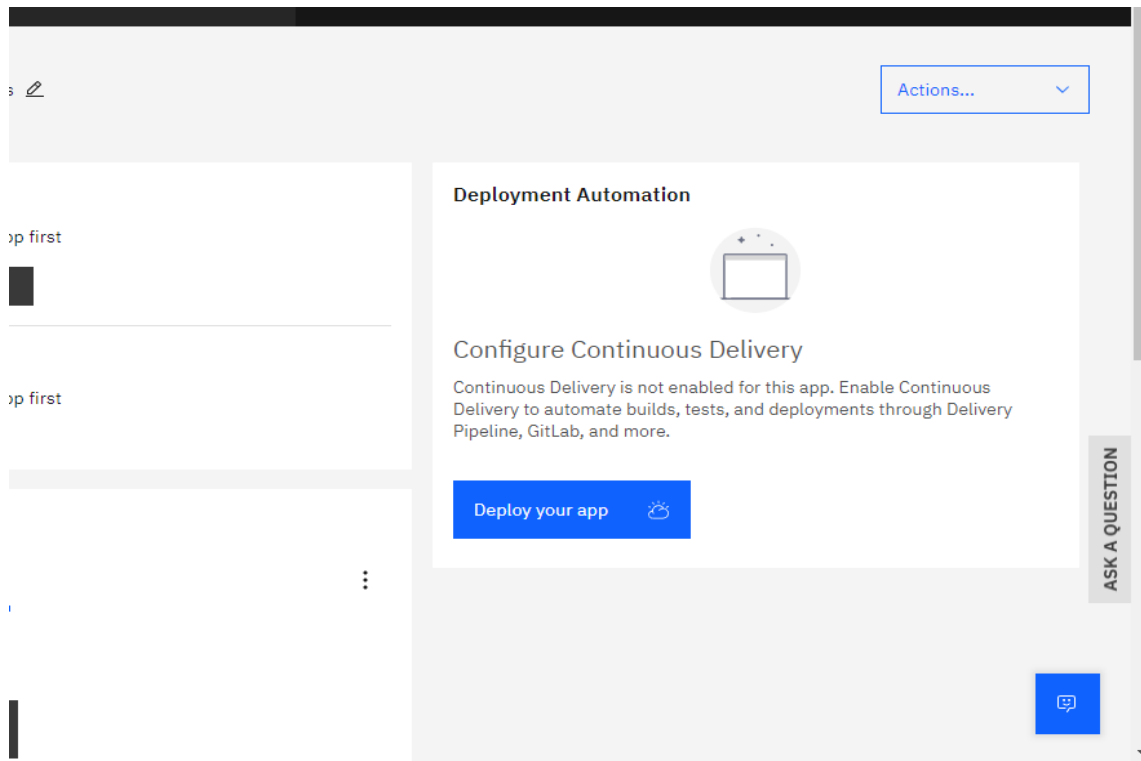
Examples: env:dev, version-1

Platform

☒ Node.js

ASK A QUESTION

## Clicking on the “Deploy your App” Button



# Successfully deployed the app

The screenshot displays the IBM Cloud console interface for a resource named "Node RED LHDJX 2022-11-13". The top navigation bar includes the IBM Cloud logo, a search bar, and user account information. The main content area is divided into several sections:

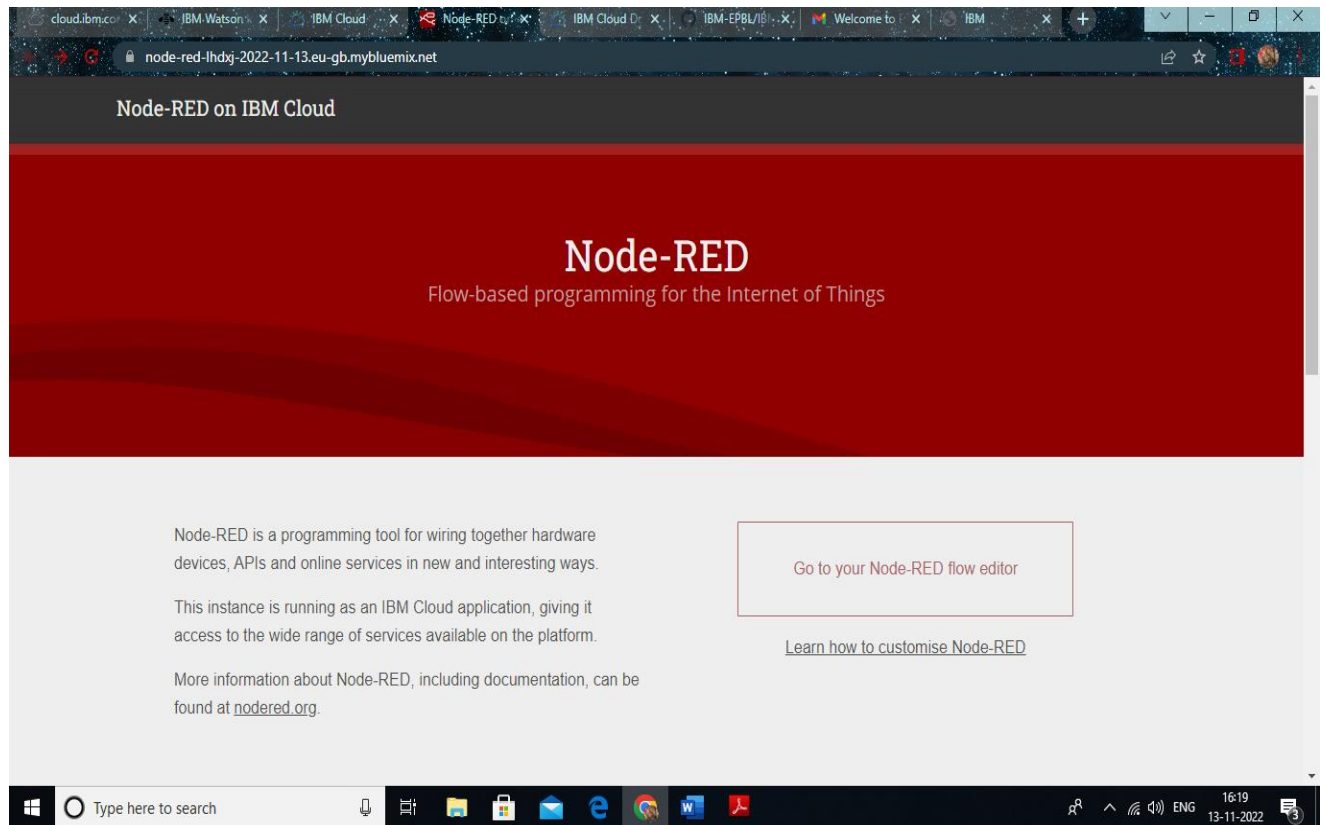
- Details:** A table showing key information about the resource:

Property	Value
App URL	<a href="https://node-red-lhdjx-2022-11-13.eu-gb.mybluemix.net">https://node-red-lhdjx-2022-11-13.eu-gb.mybluemix.net</a>
Source	<a href="https://eu-gb.git.cloud.ibm.com/951219106016/NodeREDLHDJX20...">https://eu-gb.git.cloud.ibm.com/951219106016/NodeREDLHDJX20...</a>
Resource group	Default
Deployment target	Node RED LHDJX 2022-11-13
Created	13/11/2022
- Services:** A section for managing services, currently showing "Cloudant" with links to "Open dashboard", "Documentation", and "API reference".
- Deployment Automation:** A section showing the deployment process. It includes a table for "Delivery Pipelines":

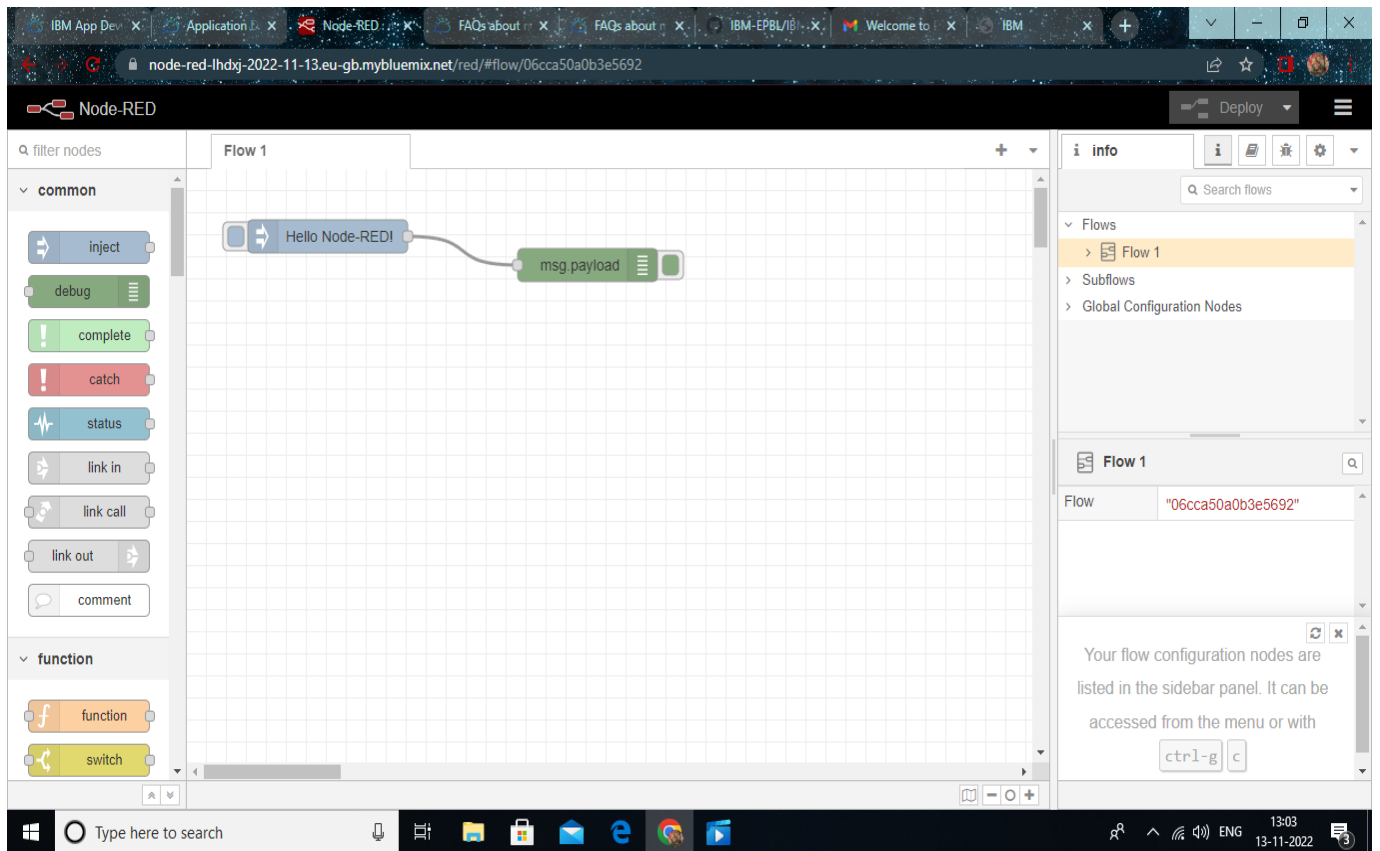
Name	Status
pr-pipeline	No stages detected
ci-pipeline	Success

The bottom of the image shows the Windows taskbar with the search bar and various application icons. The system clock indicates the time is 12:35 on 13-11-2022.

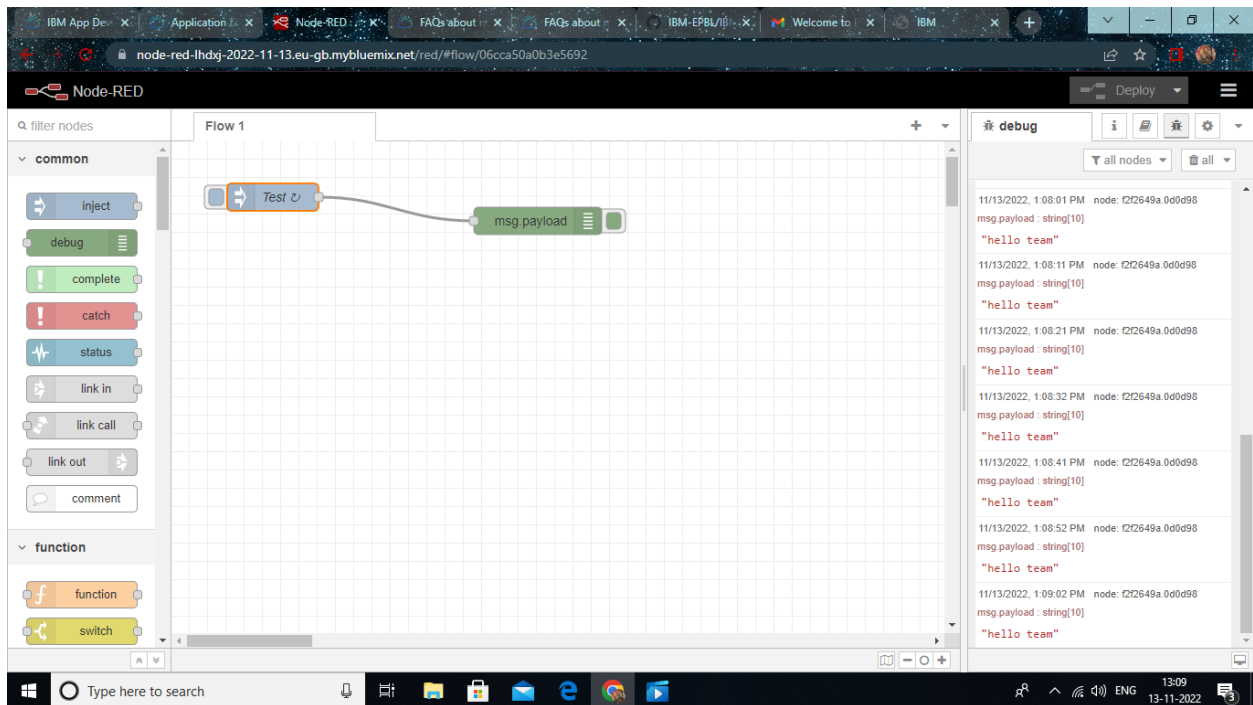
# Successfully created Node-RED



## Dragged and dropped components into the editor



## Successfully deployed the app



Result: Successfully created a NodeRED service on IBM Cloud.